

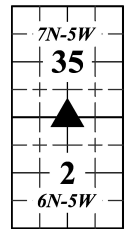
# GREENE COUNTY CORNER PERPETUATION RECORD

Corner ID: 6N5W\_A19

North 1/4 Corner

Section 2 - T06N – R05W, 2nd P.M.

Taylor Township, Greene County, Indiana



## PERPETUATION RECORD

**MONUMENT:** Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

5/8" x 24" rebar with orange plastic cap set 12" below grade in a field of row crops.

**OTHER EVIDENCE:** Describe corner location relative to nearby features and how to reach the corner location.

The corner is in a field of row crops approximately 20 feet south of an east/west tree line.

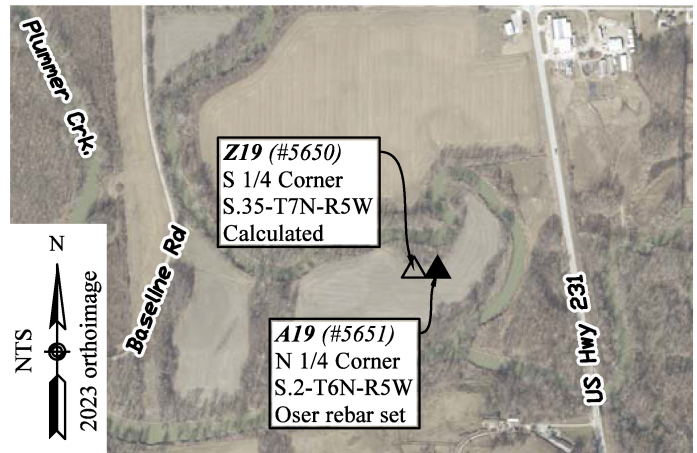
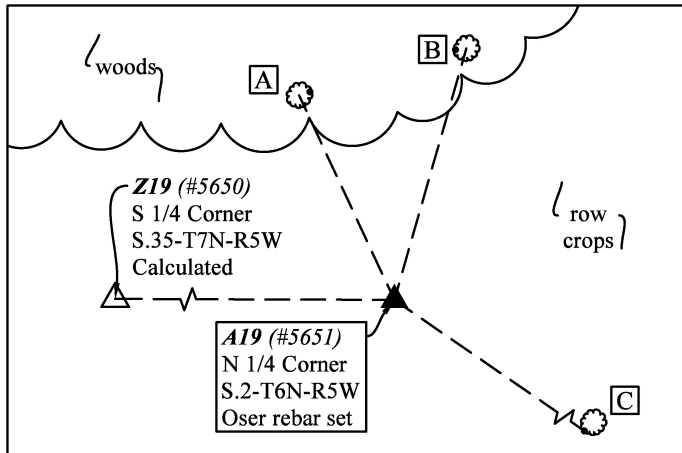
**GEODETTIC COORDINATES:** (OSM #5651)

Northing	Easting	Datum	Datum Details
316373.42	835286.74	InGCS Greene Zone	US Survey Feet, NAD 83 (2011) epoch 2010.00,
1364393.16	2995897.27	NAD83(2011) IN West Zone	NAVD 88, geoid18_conus.db3

**WITNESS MONUMENT TIES:** Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 25° W	34.1'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 18" above grade on the east side of a 7" dbh hackberry with a Greene County Survey Marker set on its southeast side 4.5 feet above grade.
B	N 16° E	39.5'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 20" above grade on the southwest side of a 12" dbh box elder.
C	S 55°27'22" E	222.99'	2" mag nail and 1-1/2" orange plastic disc set in southwest root flair (approximately 17" from the center of a tree) of a 17" dbh silver maple. (Located with RTK. Bearing and distance to the nail, not the tree center)
Z19	N 89°46'36" W	116.94'	Calculated position of the South 1/4 Corner of Section 35-T7N-R5W

**MONUMENT LOCATION SKETCH:** Attach a sketch and aerial image.



## CORNER REPORT

**THEORY OF LOCATION:** Describe the theory of location for acceptance of this monument.

The North 1/4 Corner of Section 2 was not established by the original surveyor. In 1854 and 1855, Greene County Surveyor P. Burr performed two legal surveys in which he subdivided most of Section 2. Both surveys contain references to this corner, but on closer inspection, both appear to be scrivener's errors. Burr did not purport to establish or monument this corner on either survey.

No modern survey records were found related to the corner and no evidence of possession or a monument was observed in the vicinity, which is planted in row crops. Aside from the original survey, there is no record of the South 1/4 Corner of Section 35-T7N-R5W (Z19). We calculated its position at the midpoint between the Southwest and Southeast

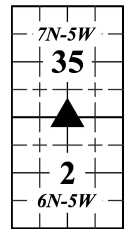
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corners of Section 35. The standard procedure to establish the North 1/4 Corner of Section 2 (A19) is at the midpoint between the Northwest and Northeast corners of Section 2. This would result in a location 72.44 feet east of the calculated South 1/4 Corner of Section 35. Based on the original survey dimensions, the calculated falling for the North 1/4 Corner is 62.37 feet east of the South 1/4 Corner of Section 35.

In 1854, P. Burr set stones at the Center 1/4 Corner of Section 2 and at a property corner on the north/south center of section line of Section 2 located 39.35 chains north of the Center 1/4 Corner. The Center 1/4 Corner (C19) is monumented with a rebar at the base of a corner post and a stone was found at the property corner (see #10567 in the surveyor's report). We established the corner by extending the north/south center of section line from the rebar at C19 through the stone at #10567 to its intersection with the line between the stone at the Southeast corner of Section 35 (Z21) and the rebar set at the Northwest corner of Section 2 (A17). This method pushed the corner 44.5 feet east of the midpoint between section corners, but it is a better fit with possession throughout the North half of Section 2 and with the North 1/4 Corner of the Northwest Quarter of Section 2 (A18) as established by Tibbett in 1996 (Instrument Number 1996-2474).

**EXISTING SURVEY HISTORY:** Include as much detail and history of the corner as known at the time of perpetuation.

## ORIGINAL GOVERNMENT SURVEY:

The North 1/4 Corner of Section 2 was not established by the original government surveyor.

## LEGAL SURVEY:

Date Surveyed: 01/19/1854 By: Burr, P

Where filed or recorded: LSB3, pg 12

Description: Legal Survey in Section 2

Monument: Burr may have measured to this corner, but he did not describe or witness the monument.

## SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 03/02/1855 By: Burr, P

Where filed or recorded: LSB3, pg 30

Description: Legal Survey in Sections 2, 11, 13, & 14

Monument: Burr may have measured to this corner, but he did not describe or witness the monument.

**OTHER SURVEY HISTORY:** Include details such as surveyor name, date, recording info, monument description, etc.

No modern survey records related to this corner were found.

## UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: None noted.
- Discrepancies in the Documents: Up to 44.5 feet.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

## PHOTO IDENTIFIED:



Photo Orientation & Description: Rebar set at A19

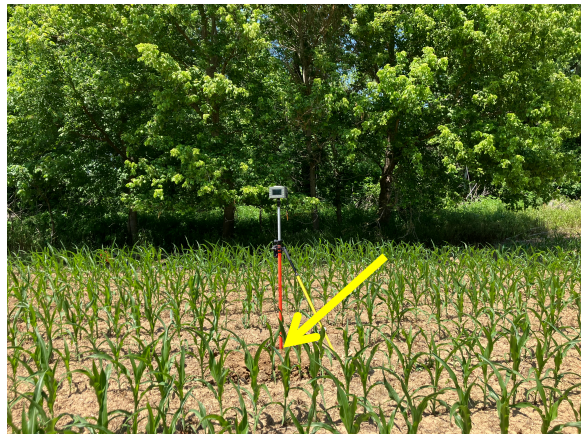


Photo Orientation & Description: Looking north at A19

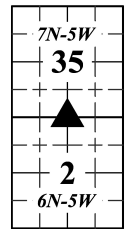
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Taylor Township, Greene County, Indiana



## FIELD PERSONNEL:

Field Date: 06/09/2023 and 10/25/2023 By: Rachel Oser and Phillip Oser Project: Oser Surveying & Mapping LLC Job# 10248 Corner Perpetuation Survey for Taylor Township Sections 2, 11, 14 & 23, Township 6 North, Range 5 West

**BASIS OF GEODETIC COORDINATES:** The basis of bearings is the Indiana Geospatial Coordinate System's (InGCS) "Greene" zone NAD 83 (2011) epoch 2010.00, NAVD 88, geoid18\_conus.db3, reported in US Survey Feet and decimal parts thereof. The zone was developed to minimize the differences between ground measured horizontal distances and the corresponding grid coordinate (map) distances within the county. Coordinates are also reported in Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18\_conus.db3, US Survey Feet.

Coordinates were established using the Javad GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Positional values of other points listed herein were determined either from static GNSS (Javad Triumph LS Rover), RTK GNSS (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by RTK GNSS. Most distances to witness ties are ground and were measured with a 100' steel tape from the monument to the mag nail. When it was not practical to set a mag nail or hack a tree, bearings and distances were measured to the center of the BT. Distances approaching or in excess of 100 feet were measured by locating the reference object with RTK. Bearings are grid and were measured with the internal compass of the Javad Triumph LS rover from the monument to the center of the BT. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.

## CERTIFICATION:

Rachel Oser

Indiana Professional Surveyor 21100022

Oser Surveying & Mapping LLC

4632 E Rocky Road, Bloomfield, IN 47424

(812) 320-2694 • Rachel@OserSurveying.com

Date: 10/31/2023



This document is not complete without the associated plat and report of even date.